

FIG.1

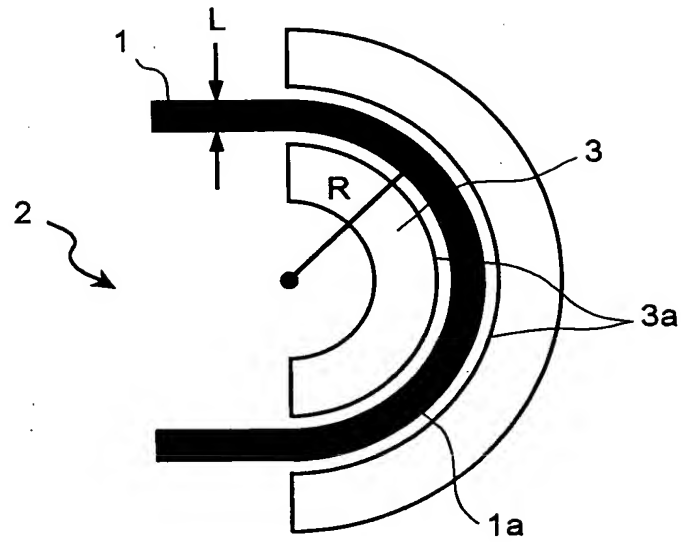


FIG.2

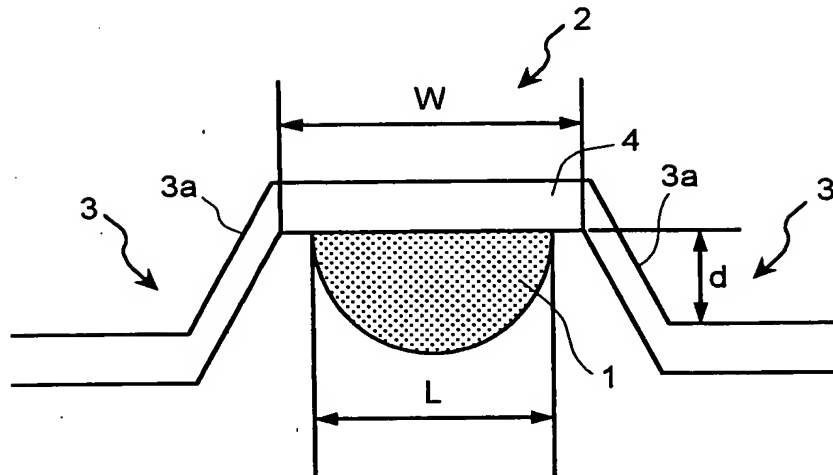
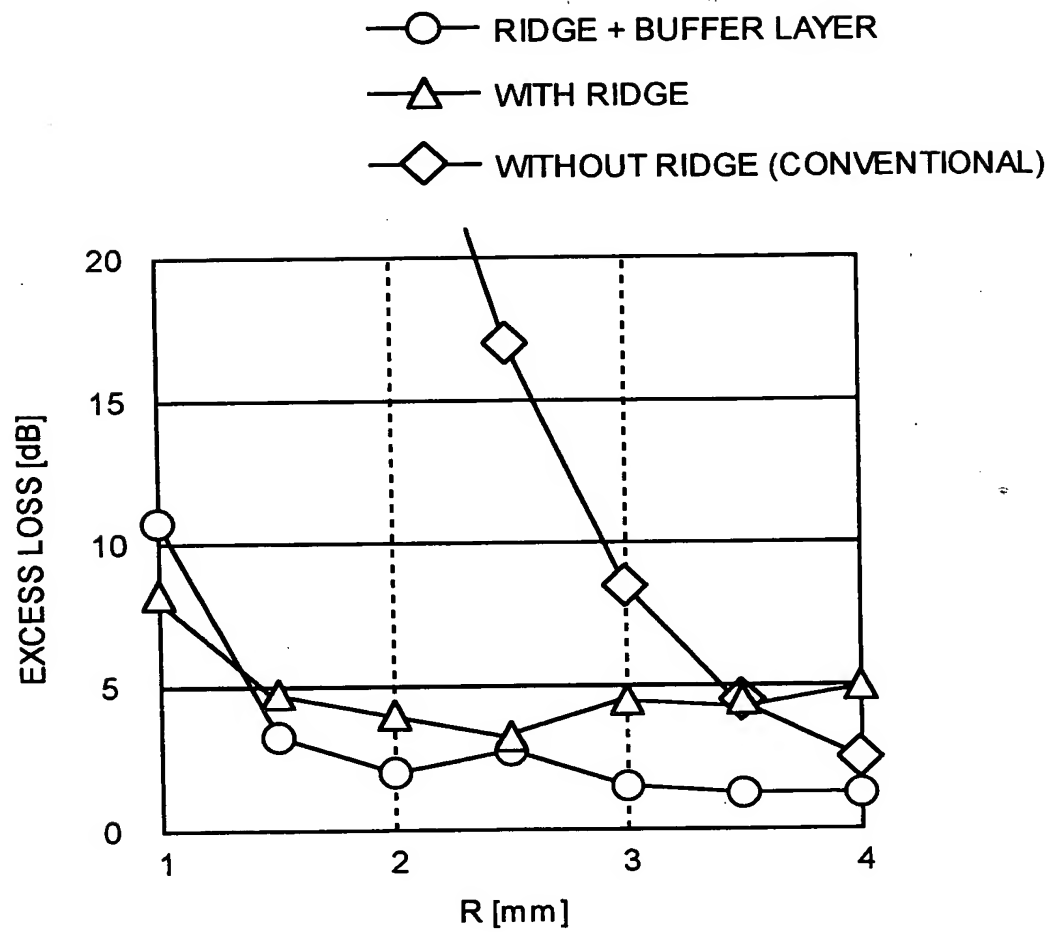
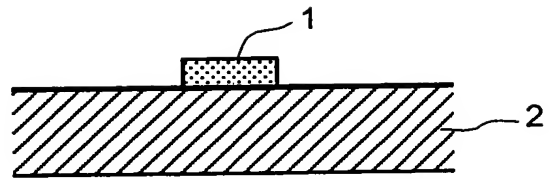


FIG.3



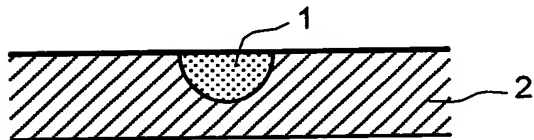
**FIG.4A**

Ti PATTERN FORMATION



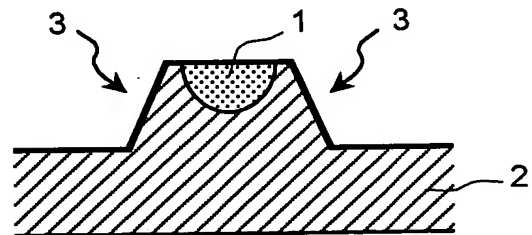
**FIG.4B**

THERMAL DIFFUSION



**FIG.4C**

ETCHING



**FIG.4D**

BUFFER LAYER FORMATION

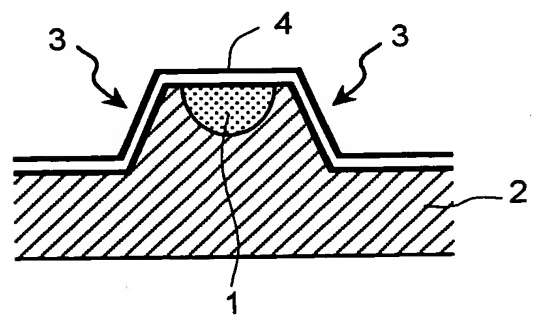


FIG. 5

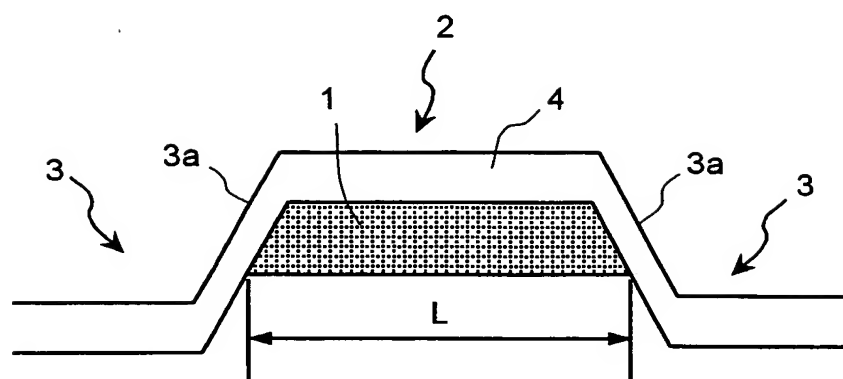


FIG. 6

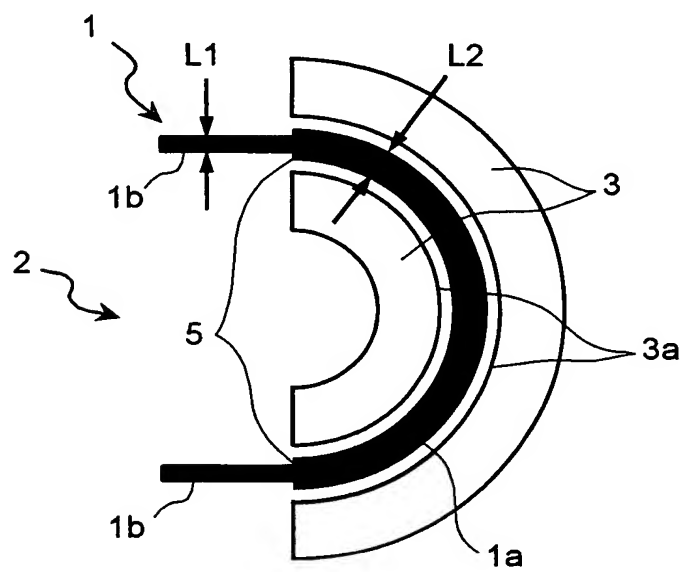


FIG.7

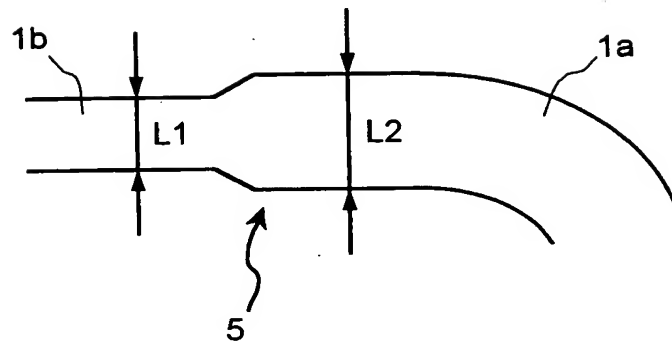


FIG.8

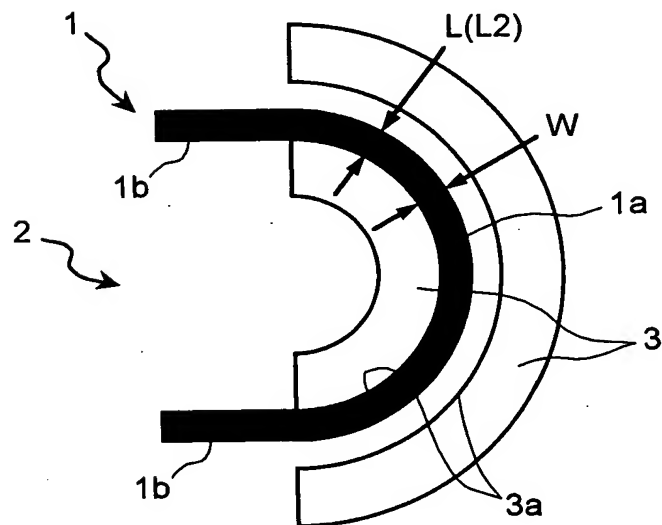


FIG.9

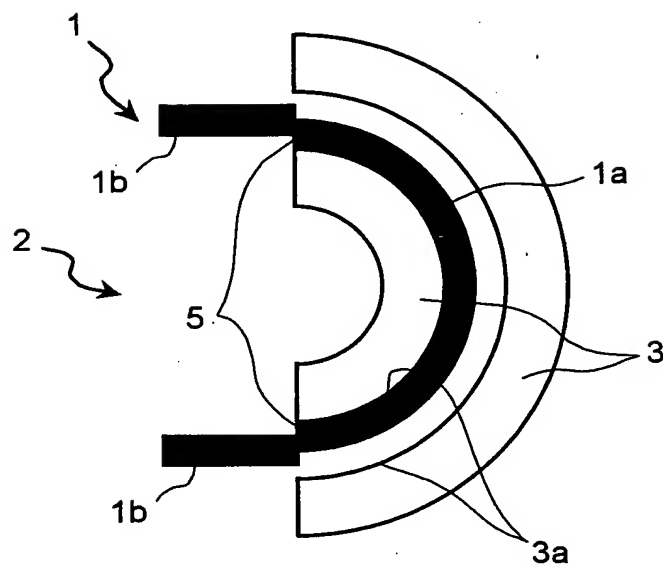


FIG.10

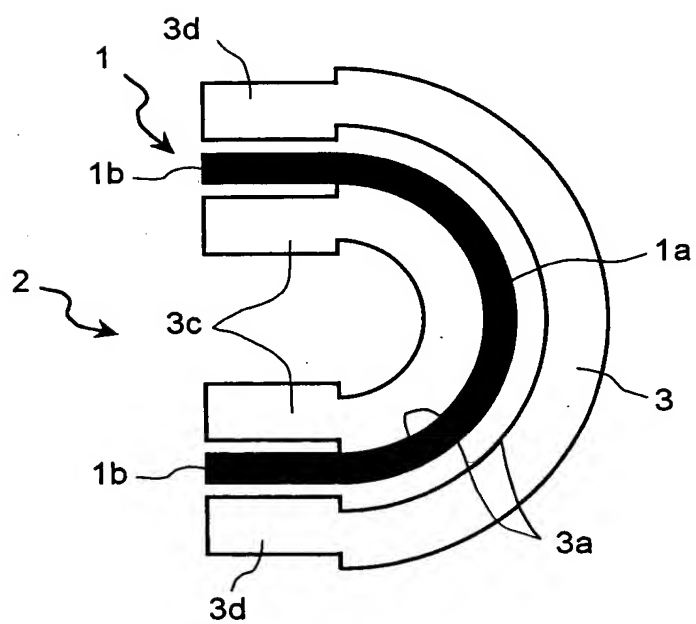


FIG. 11

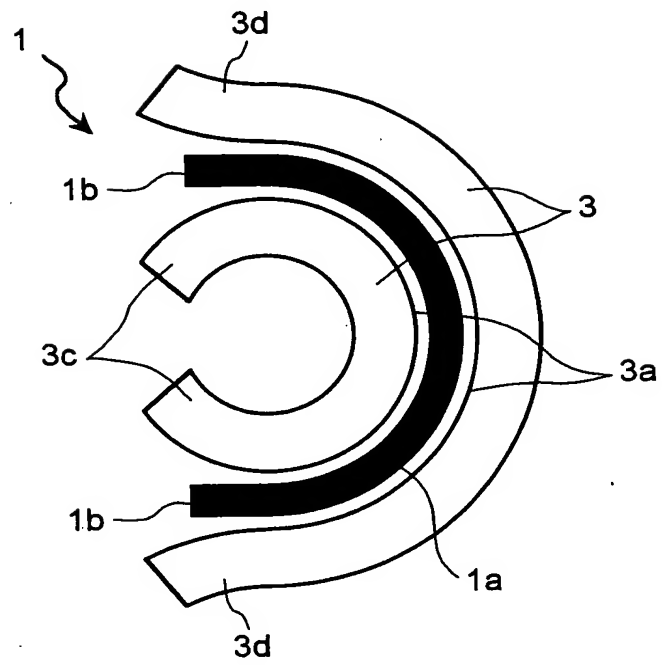


FIG. 12

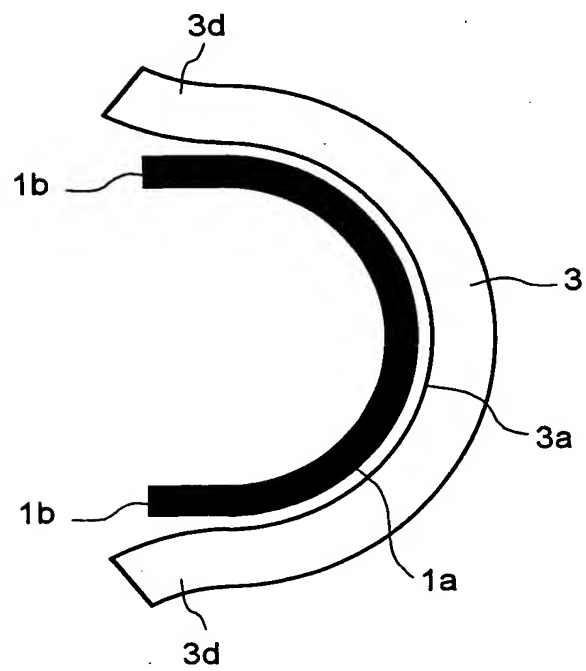


FIG. 13

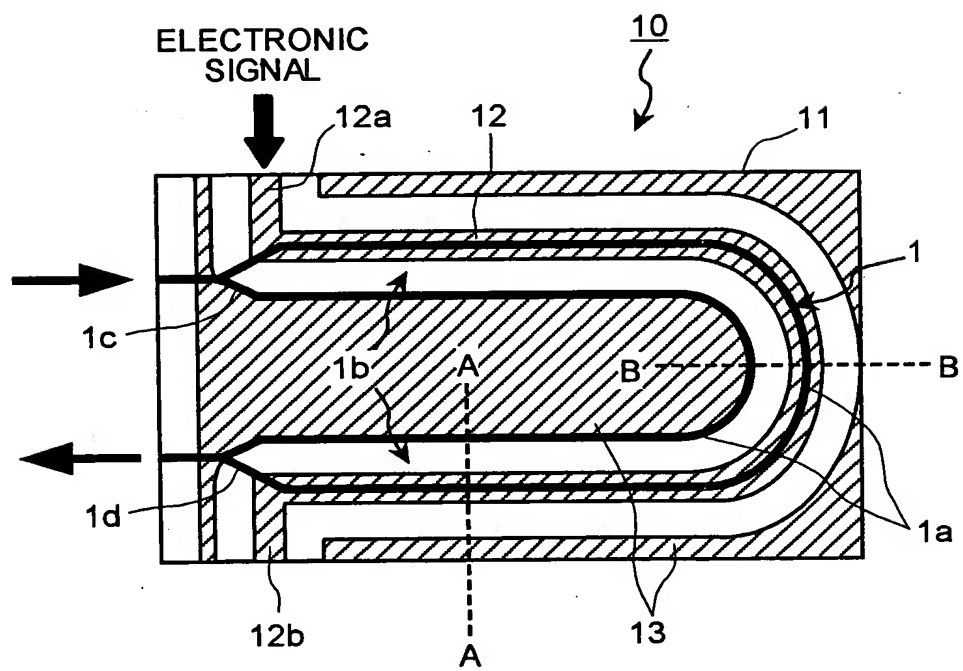




FIG. 14A

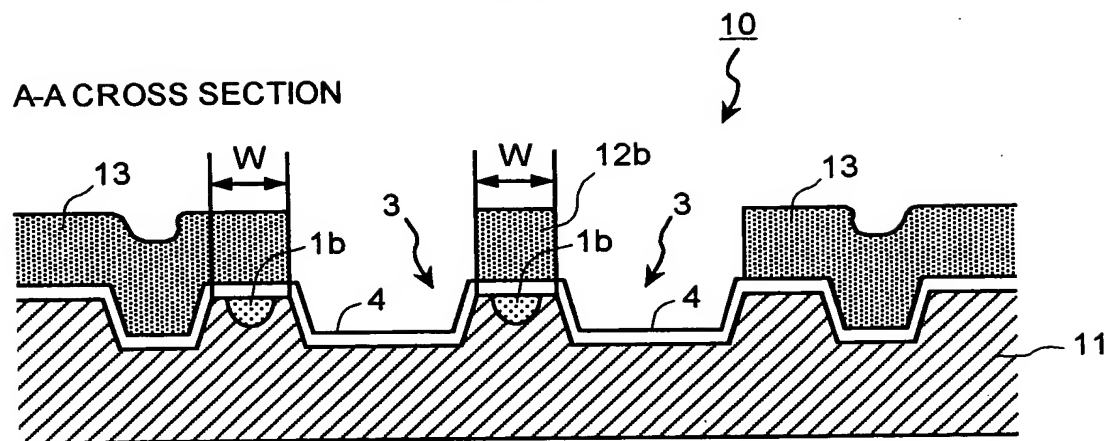


FIG. 14B

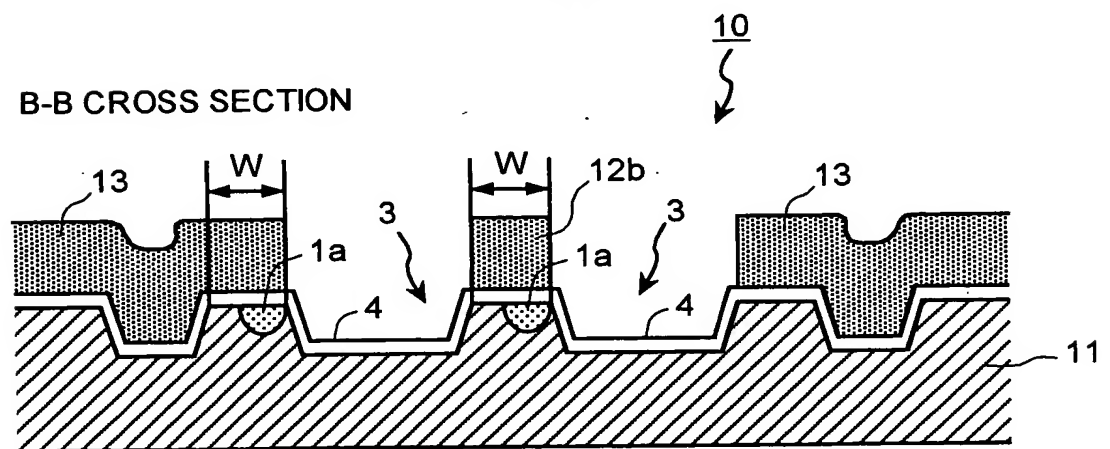


FIG. 15

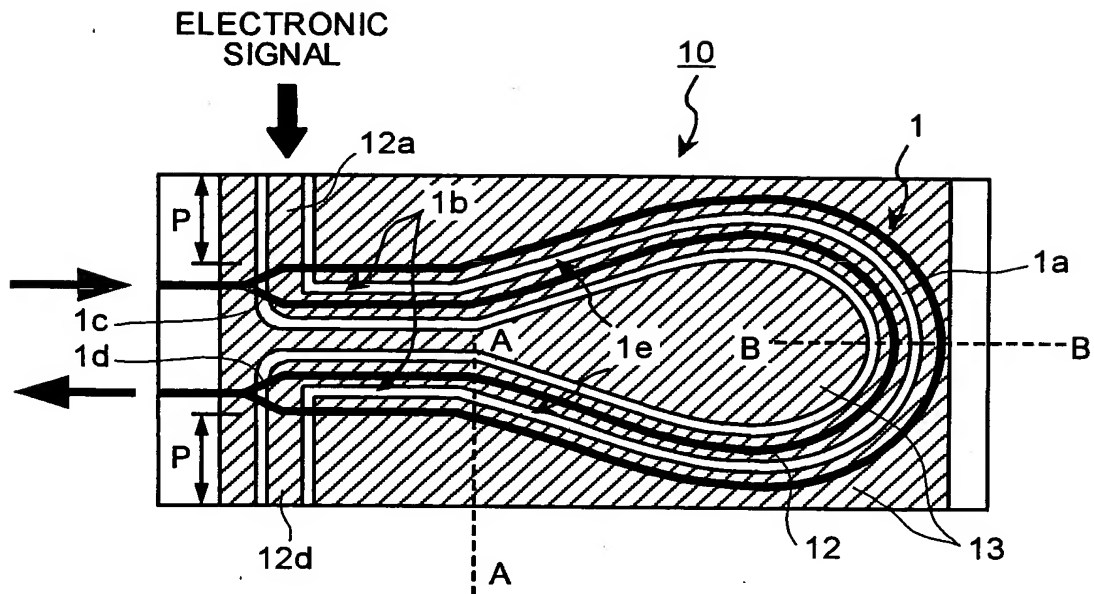


FIG. 16

